

Amendments to the Claims:

1. (Currently Amended) A device in a short distance wireless network, comprising:  
a processor; ~~and;~~  
a memory, coupled to the processor, capable ~~to of storing a one or more software components~~ for providing a current cellular network attribute to a first terminal in the short distance wireless network; ~~selectively obtaining a cellular network attribute from a cellular network,~~

a wide-range transceiver capable of:

i. generating a cellular signal to obtain the cellular network attribute from a cellular network over a first connection in response to one of the following:

a) receiving a first short-range radio message requesting the cellular network attribute from a first terminal over a second connection;

b) establishing the second connection with the first terminal;

c) expiration of a threshold time period since connecting to the cellular network; and

d) comparing a current Internet Protocol (IP) address and access point name (APN) to a previous IP address and APN, respectively; and

ii. receiving the cellular network attribute from the cellular network over the first connection; and

a short-range transceiver capable of generating, for the first terminal, a second short-range radio message including the cellular network attribute,

wherein the device is capable of terminating the first connection in response to completing receiving the cellular network attribute from the cellular network,

wherein the device is capable of terminating the second connection in response to completing generating the second short-range radio message,

wherein the device is configured to communicate with a first terminal in the short distance wireless network,

wherein the software component causes the device to establish a cellular data service session over the cellular network and to obtain the cellular network attribute from the cellular network; and

~~wherein the device is a mobile cellular communication device.~~

2. (Currently Amended) The device of claim 1, wherein the cellular network attribute ~~includes~~ is a domain naming service ("DNS") address.

3. (Currently Amended) The device of claim 1, wherein the cellular network attribute ~~includes~~ is a private Internet Protocol ("IP") address for the first terminal.

4. (Currently Amended) The device of claim 1, wherein the device is capable of communicating ~~includes with the first terminal establishing through~~ a short-range local area network ("LAN") access profile session with the device.

5. (Currently Amended) ~~The device of claim 1, wherein the device is capable of comparing the cellular network attribute with a previously stored cellular network attribute. The device of claim 1, wherein the software component establishes a cellular data service session responsive to a comparison of a current public IP address and current access point name ("APN") and a previous public IP address and a previous APN, and wherein the software component obtains a domain naming service ("DNS") address using the cellular data service session.~~

6-9. (Cancel)

10. (Currently Amended) The device of claim 1, wherein the cellular network attribute is obtained using a general packet radio service ("GPRS") in a Global System for Mobile communications ("GSM") cellular network.

11. (Original) The device of claim 1, wherein the short distance wireless network is a Bluetooth™ wireless local area network.

12. (Original) The device of claim 1, wherein the short distance wireless network is an 802.11 wireless local area network.

13. (Cancel)

14. (Original) The device of claim 1, wherein the device is a cellular telephone.

15. (Currently Amended) A method of providing a current cellular network attribute to a first terminal in a short distance wireless network, the method comprising:  
generating a cellular signal to obtain the cellular network attribute from the cellular network over a first connection in response to one of the following:  
receiving a first short-range radio message requesting the cellular network attribute from the first terminal over a second connection;  
establishing the second connection with the first terminal;  
expiration of a threshold time period since connecting to the cellular network; and  
comparing a current Internet Protocol (IP) address and access point name (APN) to a previous IP address and APN, respectively;  
receiving the cellular network attribute from the cellular network over the first connection;  
terminating the first connection in response to completing receiving the cellular network attribute from the cellular network;  
generating, for the first terminal, a second short-range radio message including the cellular network attribute; and  
terminating the second connection in response to completing generating the second short-range radio message.  
generating a first short-range radio message requesting a domain naming service ("DNS") address by a terminal in a short distance wireless network;  
receiving, by a mobile cellular communication device in the short distance wireless network, the short-range-radio message;  
generating a cellular signal, by the mobile cellular communication device, to obtain a cellular data service in a cellular network;  
obtaining, by the mobile cellular communication device, a domain naming service ("DNS") address in the cellular network; and

generating a second short range radio message, by the mobile cellular communication device to the terminal, including the DNS address.

16. (Currently Amended) The method of claim 15, further comprising:  
comparing the cellular network attribute with a previously stored cellular network attribute,

wherein the second short range radio message is generated in response to determining that the cellular network attribute is different from the previously stored cellular network attribute.

A method, comprising the steps of:  
comparing a current IP address and current access point name ("APN") to a previous IP address and a previous APN;  
generating a cellular signal, by a mobile cellular communication device, to obtain a cellular data service in a cellular network responsive to the comparing;  
obtaining, by the mobile cellular communication device, a domain naming service ("DNS") address in the cellular network; and  
generating a second short range radio message, by the mobile cellular communication device to a terminal, including the DNS address.

17. (Currently Amended) The method of claim 15, further comprising communicating with the first terminal through a short-range local area network ("LAN") access profile session.  
A method, comprising the steps of:

measuring an amount of time since a mobile cellular communication device established a cellular data service session;  
comparing the measured amount of time to a threshold value;  
generating a cellular signal, by the mobile cellular communication device in the short distance wireless network, to obtain a cellular data service in a cellular network responsive to the comparing;  
obtaining, by the mobile cellular communication device, a domain naming service ("DNS") address in the cellular network; and,

generating a short-range radio message, by the mobile cellular communication device to a terminal, including the DNS address.

18. (Currently Amended) The method of claim 15, wherein the cellular network attribute is a domain naming service ("DNS") address. A method, comprising the steps of:  
generating a first short-range radio message requesting a domain-naming-service ("DNS") address by a terminal in a short distance wireless network;  
receiving, by a mobile cellular communication device in the short distance wireless network, the first short-range radio message;  
obtaining a first DNS address stored in the device;  
generating a second short-range radio message including the DNS address, by the mobile cellular communication device to the terminal;  
generating a cellular signal, by the mobile cellular communication device, to obtain a cellular data service in a cellular network;  
obtaining, by the mobile cellular communication device, a second DNS address in the cellular network; and  
generating a third short-range radio message, by the mobile cellular communication device to the terminal, including the second DNS address.

19. (Currently Amended) The method of claim 15, wherein the cellular network attribute is a private Internet Protocol ("IP") address for the first terminal. A method, comprising the steps of:  
generating, by a terminal in a short distance wireless network, a first short-range radio message requesting a domain-naming-service ("DNS") address;  
receiving, by a mobile cellular communication device in the short distance wireless network, the first short-range radio message;  
obtaining a first DNS address stored in the mobile cellular communication device;  
generating a second short-range radio message including the first DNS address, by the mobile cellular communication device to the terminal;  
generating a cellular signal, by the mobile cellular communication device, to obtain a cellular data service in a cellular network;

~~obtaining, by the mobile cellular communication device, a second domain naming service ("DNS") address in the cellular network;~~  
~~comparing the first DNS and the second DNS;~~  
~~terminating communication between the terminal and the mobile cellular communication device responsive to the comparing step;~~  
~~establishing a communication between the terminal and the mobile cellular communication device; and,~~  
~~generating, by the mobile cellular communication device, a third short-range radio message including the second DNS address to the terminal~~

20. (Currently Amended) The method of claim 4915, wherein the mobile cellular communication device is a cellular telephone.

21. (Currently Amended) The method of claim 4915, wherein the cellular network is a Global System for Mobile communications ("GSM") cellular network and the cellular data service is a general packet radio service ("GPRS").

22. (Currently Amended) The method of claim 4915, wherein the short distance wireless network is a Bluetooth™ wireless local area network.

23. (Currently Amended) The method of claim 4915, wherein the short distance wireless network is an 802.11 wireless local area network.

24. (Currently Amended) A system for providing a current cellular network attribute to a first terminal in a short distance wireless network, the system comprising:

a logic unit for generating a cellular signal to obtain the cellular network attribute from the cellular network over a first connection in response to one of the following:

receiving a first short-range radio message requesting the cellular network attribute from the first terminal over a second connection;

establishing the second connection with the first terminal;

expiration of a threshold time period since connecting to the cellular network;

comparing a current Internet Protocol (IP) address and access point name (APN) to a previous IP address and APN, respectively;  
a logic unit for receiving the cellular network attribute from the cellular network over the first connection;  
a logic unit for terminating the first connection in response to completing receiving the cellular network attribute from the cellular network;  
a logic unit for generating, for the first terminal, a second short-range radio message including the cellular network attribute; and  
a logic unit for terminating the second connection in response to completing generating the second short-range radio message,~~providing communication between a cellular network and a short distance wireless network, comprising:~~  
a hand-held wireless mobile cellular communication device, including:  
a cellular transceiver capable to communicate with the cellular network,  
including to receive a domain naming service ("DNS") address from a cellular data service;  
a short range transceiver capable to communicate with the short distance wireless network, including to receive a first short range radio message and to generate a second short range radio message including the DNS address;  
a memory, coupled to the cellular and short range transceivers, capable to store a software component to obtain the DNS address; and,  
a first wireless device capable to generate the first short range radio message and to receive the second short range radio message.

25. (Currently Amended) The system of claim 24, further comprising:  
a logic unit for comparing the cellular network attribute with a previously stored cellular network attribute,  
wherein the second short range radio message is generated in response to determining that the cellular network attribute is different from the previously stored cellular network attribute.~~A system for providing communication between a cellular network and a short distance wireless network, comprising:~~  
a hand-held wireless mobile cellular communication device, including:

a cellular transceiver capable to communicate with the cellular network, including to receive a domain naming service ("DNS") address from a cellular data service;

a short-range transceiver capable to communicate with the short distance wireless network, including to generate a first short-range radio message including the DNS address;

a memory, coupled to the cellular and short-range transceivers, capable to store a software component to obtain the DNS address responsive to a comparison of a current cellular network address and current access point name ("APN") and a previous cellular network address and a previous APN; and,

a first wireless device to receive the first short-range radio message.

26. (Currently Amended) The system of claim 24, further comprising a logic unit for communicating with the first terminal through a short-range local area network ("LAN") access profile session. A system for providing communication between a cellular network and a short distance wireless network, comprising:

a hand-held wireless mobile cellular communication device, including:

a cellular transceiver to communicate with the cellular network, including to receive a domain naming service ("DNS") address from a cellular data service;

a short-range transceiver to communicate with the short-distance wireless network, including to generate a short-range radio message including the DNS address;

a memory, coupled to the cellular and short-range transceivers, capable to store a software component to establish a cellular data service session and obtaining the DNS address in the cellular network responsive to comparing a threshold time value to a measured amount of time since a mobile cellular communication device established a cellular data service session; and,

a first wireless device to receive the first short-range radio message.

27-29. (Cancel)



30. (Canceled)

31. (New) The system of claim 24, wherein the cellular network attribute is a domain naming service ("DNS") address.

32. (New) The system of claim 24, wherein the cellular network attribute is a private Internet Protocol ("IP") address for the first terminal.

33. (New) The system of claim 24, wherein the device is capable of communicating with the first terminal through a short-range local area network ("LAN") access profile session.

34. (New) The system of claim 24, wherein the device is capable of comparing the cellular network attribute with a previously stored cellular network attribute.

35. (New) The system of claim 24, wherein the cellular network attribute is obtained using a general packet radio service ("GPRS") in a Global System for Mobile communications ("GSM") cellular network.

36. (New) The system of claim 24, wherein the short distance wireless network is a Bluetooth™ wireless local area network.

37. (New) The system of claim 24, wherein the short distance wireless network is an 802.11 wireless local area network.